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FACSIMILE 1600/2500



1600

RAW SEQUENCE LISTING

DATE: 12/06/2003

PATENT APPLICATION: US/09/768,781A

TIME: 10:35:40

Input Set : A:\1057 CIP SUB SEQ LIST.TXT

Output Set: N:\CRF4\12062003\I768781A.raw

4 <110> APPLICANT: MERKULOV, Gennady V. et al
 6 <120> TITLE OF INVENTION: ISOLATED HUMAN TRANSPORTER PROTEINS,
 7 NUCLEIC ACID MOLECULES ENCODING HUMAN TRANSPORTER PROTEINS,
 8 AND USES THEREOF
 10 <130> FILE REFERENCE: CL001057-CIP
 12 <140> CURRENT APPLICATION NUMBER: 09/768,781A
 13 <141> CURRENT FILING DATE: 2001-01-25
 15 <160> NUMBER OF SEQ ID NOS: 27
 17 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 20 <211> LENGTH: 1350
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Homo sapien
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 27 acctttttgt actgtgggga ggctgcatct gctttgtaca tggttagaat ctatcgaaag 180
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 32 atgctaatag atggcgagga ggtgctgata gaatgggagg tgggccactc catccggacc 480
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60          35          40          45
61 Ala Ser Ala Leu Tyr Met Val Arg Ile Tyr Arg Lys Asn Ser Glu Thr
62          50          55          60
63 Tyr Arg Met Thr Tyr Thr Phe Ser Phe Phe Met Phe Ser Ser Ile Met
64 65          70          75          80
65 Val Gln Leu Thr Leu Ile Phe Val His Arg Asp Leu Ala Lys Asp Lys
66          85          90          95
67 Pro Leu Ser Leu Phe Met His Leu Ile Leu Leu Gly Pro Val Ile Arg
68          100          105          110
69 Cys Leu Glu Ala Met Ile Lys Tyr Leu Thr Leu Trp Lys Lys Glu Glu
70          115          120          125
71 Gln Glu Glu Pro Tyr Val Ser Leu Thr Arg Lys Lys Met Leu Ile Asp
72          130          135          140
73 Gly Glu Glu Val Leu Ile Glu Trp Glu Val Gly His Ser Ile Arg Thr
74 145          150          155          160
75 Leu Ala Met His Arg Asn Ala Tyr Lys Arg Met Ser Gln Ile Gln Ala
76          165          170          175
77 Phe Leu Gly Ser Val Pro Gln Leu Thr Tyr Gln Leu Tyr Val Ser Leu
78          180          185          190
79 Ile Ser Ala Glu Val Pro Leu Gly Arg Val Val Leu Met Val Phe Ser
80          195          200          205
81 Leu Val Ser Val Thr Tyr Gly Ala Thr Leu Cys Asn Met Leu Ala Ile
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83 Gln Ile Lys Tyr Asp Asp Tyr Lys Ile Arg Leu Gly Pro Leu Glu Val
84 225          230          235          240
85 Leu Cys Ile Thr Ile Trp Arg Thr Leu Glu Ile Thr Ser Arg Leu Leu
86          245          250          255
87 Ile Leu Val Leu Phe Ser Ala Thr Leu Lys Leu Lys Ala Val Pro Phe
88          260          265          270
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90          275          280          285
91 Trp Arg Ser Gly Ala Gln Met Pro Asn Asn Ile Glu Lys Asn Phe Ser
92          290          295          300
93 Arg Val Gly Thr Leu Val Val Leu Ile Ser Val Thr Ile Leu Tyr Ala
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99 Tyr Ser Val Arg Leu Val Glu Asn Val Ile Met Val Leu Val Phe Lys
100          355          360          365
101 Phe Phe Gly Val Lys Val Leu Leu Asn Tyr Cys His Ser Leu Ile Ala
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103 Leu Gln Leu Ile Ile Ala Tyr Leu Ile Ser Ile Asp Phe Met Leu Leu
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107 Val Asp Tyr Leu His Cys Val Cys Cys His Gln His Pro Arg Thr Arg
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132 caaatgaaga tatgaaaaca aaagctcagt gaggtgggga ggattacact taagaataca 420
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Input Set : A:\1057 CIP SUB SEQ LIST.TXT

Output Set: N:\CRF4\12062003\I768781A.raw

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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : A:\1057 CIP SUB SEQ LIST.TXT
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

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